

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-25 are canceled

26. (Currently Amended) A method for continuous coating of cores with a drageée-making apparatus comprising at least one rotatably driven drum (1) in which ~~the~~ a product (5) is coated with one or several coating materials, comprising the steps of
- dividing ~~the charge of~~ the product (5) to be processed at the inlet side of the drum into individual charges; ~~and~~
 - transporting the individual charges of the product through the drum (1, 91) in a cyclical transport mode; ~~and~~
 - processing subjecting the individual charges of the product to be coated to at least one process step in individual, ~~separate~~ processing chambers (7-13; 72-74) separated in the axial direction of the drum (1, 91), wherein each processing chamber is closed off from one another; and
 - transporting the product (5) residing in a respective processing chamber (7-13; 72-74) in the cyclical transport mode from the one processing chamber (7-13; 72-74) into the additional adjacent processing chamber (7-13; 72-74) by at least one longitudinal conveyor (3, 76) which conveys in the axial direction of the drum (1, 91) decoupled from rotary motion of the at least one rotatably driven drum (1, 91).

27. (Canceled)

28. (Canceled)

29. (Previously Presented) The method according to claim 26, wherein the processing chambers

provide “spraying”, “powdering”, “distributing the coating materials”, and “drying”.

30. (Previously Presented) The method according to claim 26, wherein the volume of the individual processing chambers (7-13; 72-74) is adjustable.
31. (Previously Presented) The method according to claim 26, wherein the individual processing chambers (7-13; 72-74) has an adjustable axial length.
32. (Previously Presented) The method according to claim 26, wherein the transport speed of the product is adjustable.
33. (Withdrawn - Previously Presented) An apparatus for continuous coating of cores with a drageée-making apparatus comprising
 - at least one rotatably driven drum (1) in which the product (5) is coated with one or several coating materials, and
 - at least one longitudinal conveyor (3, 32; 76) is arranged in the drum (1; 91), and wherein with the conveyor (3, 32; 76) the product (5) is transported in a cyclical transport mode in form of individual charges through the drum (1, 91) in the axial direction.
34. (Withdrawn - Previously Presented) The apparatus according to claim 33, wherein the conveying elements of the longitudinal conveyor form the individual processing chambers (7-13; 72-74) in cooperation with the inner wall of the drum (1, 91).
35. (Withdrawn - Previously Presented) The apparatus according to claim 33 for carrying out the method according to claim 1, wherein the longitudinal conveyor is implemented as a rotatably driven spiral conveyor (32).
36. (Withdrawn - Previously Presented) The apparatus according to claim 33 for carrying out the method according to claim 1, wherein the longitudinal conveyor is implemented as a chain conveyor.

37. (Withdrawn - Previously Presented) The apparatus according to claim 35, wherein several independently driven spiral conveyors (32a, 32b) are arranged in the drum (1; 91).
38. (Withdrawn - Previously Presented) The apparatus according to claim 33, wherein the outer circumference of the longitudinal conveyor forms a rotating gap (38) relative to the inner circumference of the drum (1, 91), with the gap being smaller than the diameter of the cores to be coated.
39. (Withdrawn - Previously Presented) A method for continuous coating of the cores with a drageée-making apparatus comprising the steps of
providing at least one rotatably driven drum for coating the product with one or several coating materials
providing a transition (76) from one chamber (7-13; 72-74) to an adjacent other chamber (72-74).
40. (Withdrawn - Previously Presented) The method according to claim 39, wherein the transition (76) from one chamber (7-13; 72-74) to the adjacent other chamber (72-74) is provided by opening a passageway in a partition disk (68-71) which separates the chambers.
41. (Withdrawn - Previously Presented) The method according to claim 40, wherein all passageways in all chambers (7-13; 72-74) are simultaneously opened at a defined point in time.
42. (Withdrawn - Previously Presented) The method according to claim 39, wherein the connection between all chambers (7-13; 72-74) is established only temporarily.
43. (Withdrawn - Previously Presented) An apparatus for continuous coating of cores with a drageée-making apparatus comprising
at least one rotatably driven drum in which the product is coated with one or several

coating materials, wherein a longitudinal conveyor is temporarily switched from conveying operation to mixing operation.

44. (Withdrawn - Previously Presented) The apparatus according to claim 43, wherein the drum comprises an interior space, the interior space is divided into a plurality of chambers (72-74) which are closed off from each other, and a transition from one chamber (72-74) to an adjacent other chamber (72-74) is provided, in conjunction with conveying the product.
45. (Withdrawn - Previously Presented) A drageée apparatus according to claim 44, wherein at least one chamber (72-74) is formed by a wall of the drum and by two spaced-apart partition disks (68-71) which are non-rotatably connected with the wall (66) of the drum.
46. (Withdrawn - Previously Presented) The apparatus according to claim 45, wherein the at least one spaced-apart partition disk (68-71) includes at least one pivoting baffle and wherein the drum includes a pivot axis (77) disposed approximately perpendicular to the plane of the drum wall (66) and having a free pivoting end adapted to contact the adjacent partition disk (68-71).
47. (Withdrawn - Previously Presented) The apparatus according to claim 46, wherein each chamber (72-74) of the drum comprises one of the at least one pivoting baffle (76a-76d) and wherein all chambers can be pivoted at the same time.
48. (Withdrawn - Previously Presented) The apparatus according to claim 47, wherein the shifting device comprises a pushrod (79) arranged parallel to the longitudinal axis of the drum, and wherein the pushrod (79) is movably guided on the drum wall and non-rotatably connected with one end of a corresponding eccentric lever (86), with the other end of the eccentric lever (86) being connected with the shaft of the pivoting baffle (76).
49. (Withdrawn - Previously Presented) The apparatus for continuous coating of cores with a drageée-making apparatus comprising at least one rotatably driven drum in which the product

is coated with one or several coating materials, comprising a transition (76) extending from one chamber (7-13; 72-74) to an adjacent other chamber (72-74).

50. (Previously Presented) The method for continuous coating of cores with a drageée-making apparatus according to claim 26, further comprising the steps of subjecting the product to at least one of additional treatment processes including spraying and drying.
51. (New) The method according to claim 51, wherein the cyclical transport mode represents a clocked, cyclical rotation of the longitudinal conveyor such that a length of time that the product remains in the individual processing chambers is controllable, without moving the product in a longitudinal direction.